

## ERBB4 CO-CRYSTAL

### Abstract

A crystal structure of the ErbB4 kinase domain (ErbB4K), specifically the ErbB4K in liganded form as well as methods of using the same in the discovery of ErbB4 inhibitors. Disclosed further are methods of treatment of diseases mediated by inappropriate ErbB4 activity utilizing ErbB4 inhibitors identified by the methods disclosed herein.